1	2	3	4
23	Sikkim	203	35.60
24	Tamil Nadu	3890	1593.23
25	Tripura	11	17.01
26	Uttar Pradesh	1443	91.57
27	Uttaranchal	1483	67.20
28	West Bengal	790	96.39
29	Andaman & Nicobar	6	5.47
30	Chandigarh	6	0.05
31	Dadar & Nagar Haveli	0	0.00
32	Daman & Diu	0	0.00
33	Delhi	131	0.07
34	Lakshdweep	0	0.65
35	Pondicherry	13	0.00
	Biomass Potential	16000	
	Industrial Waste Potential	1020	
	TOTAL	77720	4802.22

* of wind, small hydro, cogeneration and municipal solid waste to energy ** of wind, small hydro, cogeneration, biomass and municipal / industrial waste to energy

Adoption of Photo-Voltaic Technology

1526. SHRI NANDI YELLAIAH: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether any decision has been taken, or is proposed to be taken on the request of Andhra Pradesh seeking incentives and concessions, for encouraging adoption of Photo-voltaic Technology in the country to solve electricity problems on a massive scale in villages and in urban areas through Non-conventional sources of energy;

(b) if so, the details thereof, and

(c) if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) to (c) Sir, no such request has been received from the Government of Andhra Pradesh. However, the Central Government has been promoting the use of solar home systems, solar street lighting systems, solar photovoltaic pumping systems and stand alone power plants under the photovoltaic Demonstration Programme. Further, large number of solar photovoltaic systems are being deployed in the remote, un-electrified villages under the Remote Village Electrification Programme. The proposals received from the Government of Andhra Pradesh under these programmes are approved as per the provisions of the programmes.

Projects are also being supported for demonstration of new applications such as building integrated photovoltaic systems, grid interactive power plants, solar powered traffic singnaling systems and solar-based dawn to dusk switching systems for street lights etc. in urban areas.

The Government of Andhra Pradesh has recently issued an order to Municipal Commissioners for making use of Solar Energy for Advertisements hoardings, street lighting systems and Hot water systems mandatory, in order to conserve conventional electrical energy. A copy of the Notification is enclosed in the Statement.

Copy of Notification regarding use of Solar Energy

Statement

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

M.A. & U.D. Department—Installation of solar system in functional building and providing solar power for advertisement hoardings and street-Certain Instruction—Orders—Issued.

MUNICIPAL ADMINISTRATION AND URBAN DEVELOPMENT (M) DEPARTMENT

G.O. Ms. No. 3 0 2 M.A.Dated the 3rd August, 2004 ORDER

It is observed by the Government that demand for energy is over increasing, despite rapid increase in the power generation capacity, power

shortage in the country continues to persist. This gap can be supplemented by utilization of new and renewable sources of energy in general and solar energy in particular as it is pollution-free and available in abundance and there is immense potential for conservation of electricity and other conventional fuels by utilization of solar power with consequent environmental benefits.

2. Government after careful examination of the matter have decided to make use of solar energy for advertisement hoardings/street lights and hot water as mandatory to conserve conventional electrical energy. Therefore, the following instructions are issued to all Commissioners of Municipal Corporations/ Municipalities, Vice-Chairman's of Urban Development Authorities of the State:

(i) All the Municipal Commissioners/Vice-Chairman's of Urban Development Authorities shall take immediate action for installation of solar system on the existing Municipal buildings/Urban Development Authority Buildings and any new building being built by the Urban Local body concerned and shall use energy efficient lamps;

(ii) The Conventional lights of advertisement hoardings shall be replaced by Solar Photovoltaic Power at the cost of the franchisee.

(iii) Conventional lights of all street lights (upto 20 feet height) shall be replaced by solar photovoltaic power.

(iv) Clearance of plan for the proposed construction of hospitals, nursing homes, hotels, guest houses, lodges and Multi-storied buildings shall only be given (a) if they have a provision in the building design itself for an insulated pipeline from the roof top in the building to various distribution points where hot water is required and the building must have a provision for continuous water supply to the solar water heating system and shall also have open space on the roof top which received direct sunlight; and (b) if they have a provision to make use of energy efficient lamps. All new buildings of the above category must complete installation of solar water heating system and energy efficient lamps before obtaining necessary license to commence their business.

3. All Commissioners of Municipal Corporation / Municipalities / Vice-Chairman's of Urban Development Authorities are requested to follow the above instructions scrupulously and contact, Non-conventional Energy Development Corporation of Andhra Pradesh, Hyderabad or the concerned District Manager NEDCAP Limited for necessary guidance / technical advise in this matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

S.R.RAO Principal Secretary to Government

To

All Commissioners of Municipal Corporations.

All Commissioners of Municipalities through the C & DMA, Hyderabad.

The Commissioner & Director of Municipal Administration, Hyderabad.

The Director of Town and Country Planning, Hyderabad.

All the Regional Directors of Municipal administration.

All Vice-Chairman's of Urban Development Authorities in the State.

The Engineer-in-Chief (PH), Hyderabad.

The Vice-Chairman and Managing Director, Non-conventional Energy Development Corporation of Andhra Pradesh, H.No. 5-8-207/2. PISGAH Complex, Nampally, Hyderabad-500001.

Copy to

The Private Secretary to Principal Secretary to Chief Minister.

The Private Secretary to Special Secretary to Chief Minister.

The Private Secretary to Minister for Municipal Administration.

The TR&B Department.

The Energy Department.

The l&CAD Department.

The PR&RD Department.

The H.M.&F.W. Department.

SF/SC